Fig. 1(a)

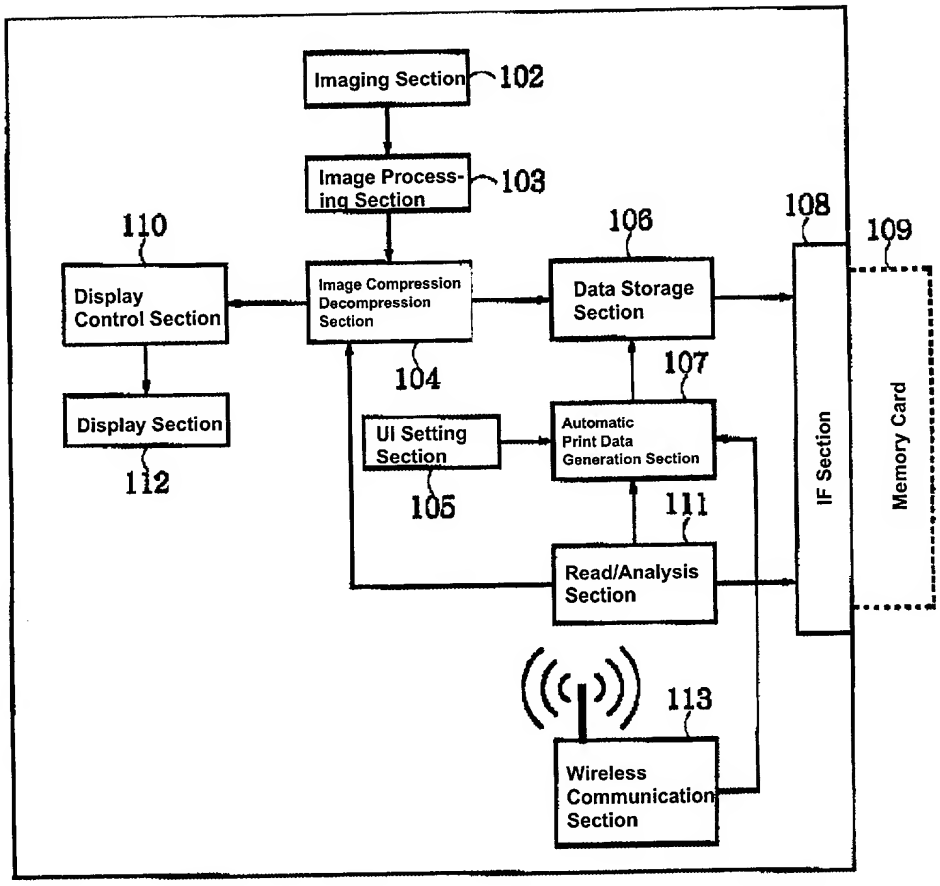



Fig. 1(b)

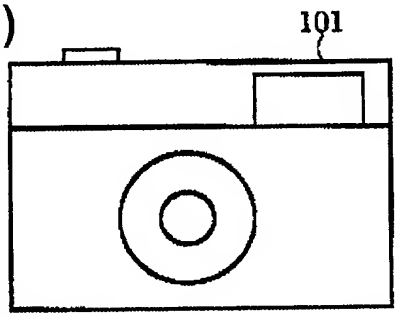



Fig. 1(c)

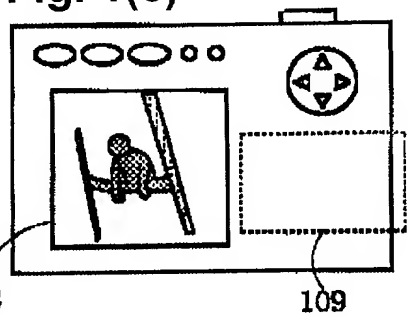


Fig. 2(a)

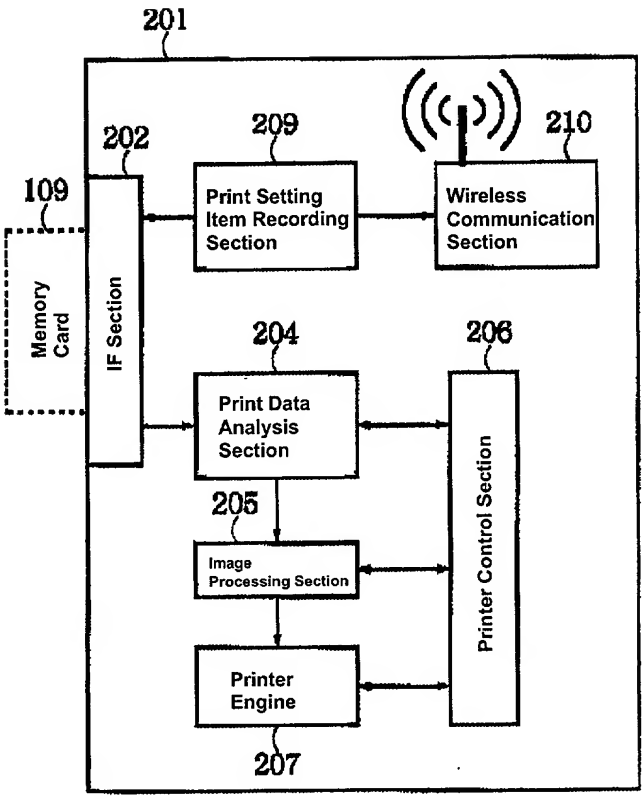

201
202
209
210
109
Print Setting Item Recording Section
Wireless Communication Section
Memory Card
IF Section
204
206
Print Data Analysis Section
205
Image Processing Section
Printer Control Section
Printer Engine
207

Fig. 2(b)

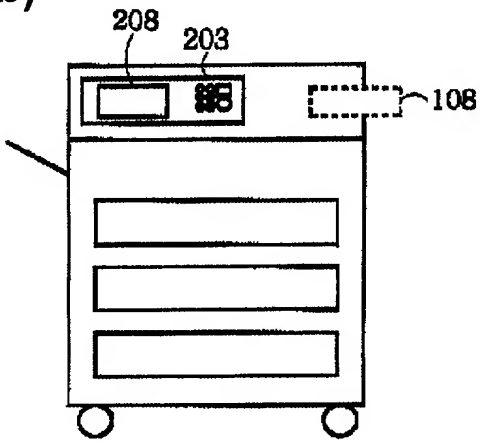

208
203
108

Fig. 3

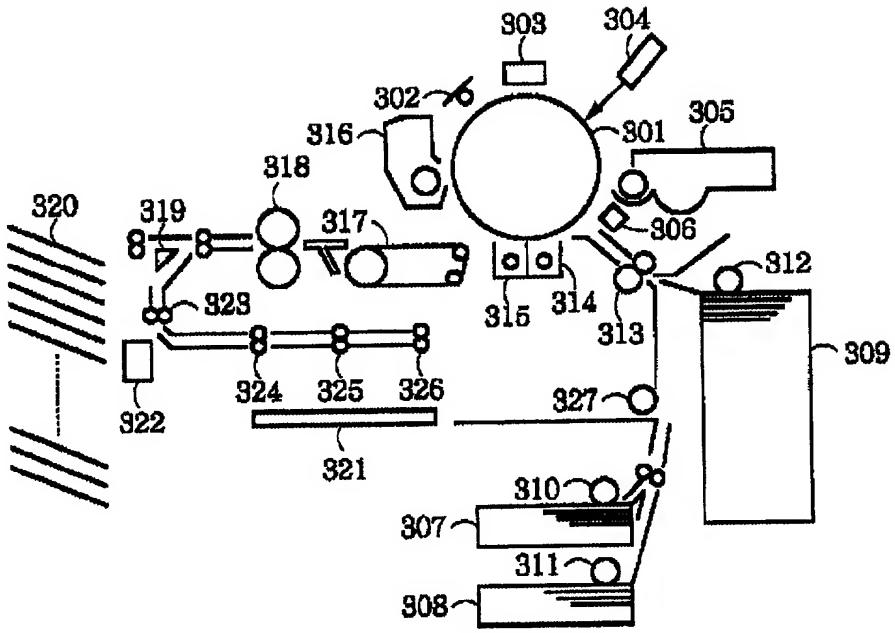

303
304
302
316
301
305
318
320
319
317
306
312
315
314
313
323
309
324
325
326
327
322
321
310
307
311
308

Fig. 4

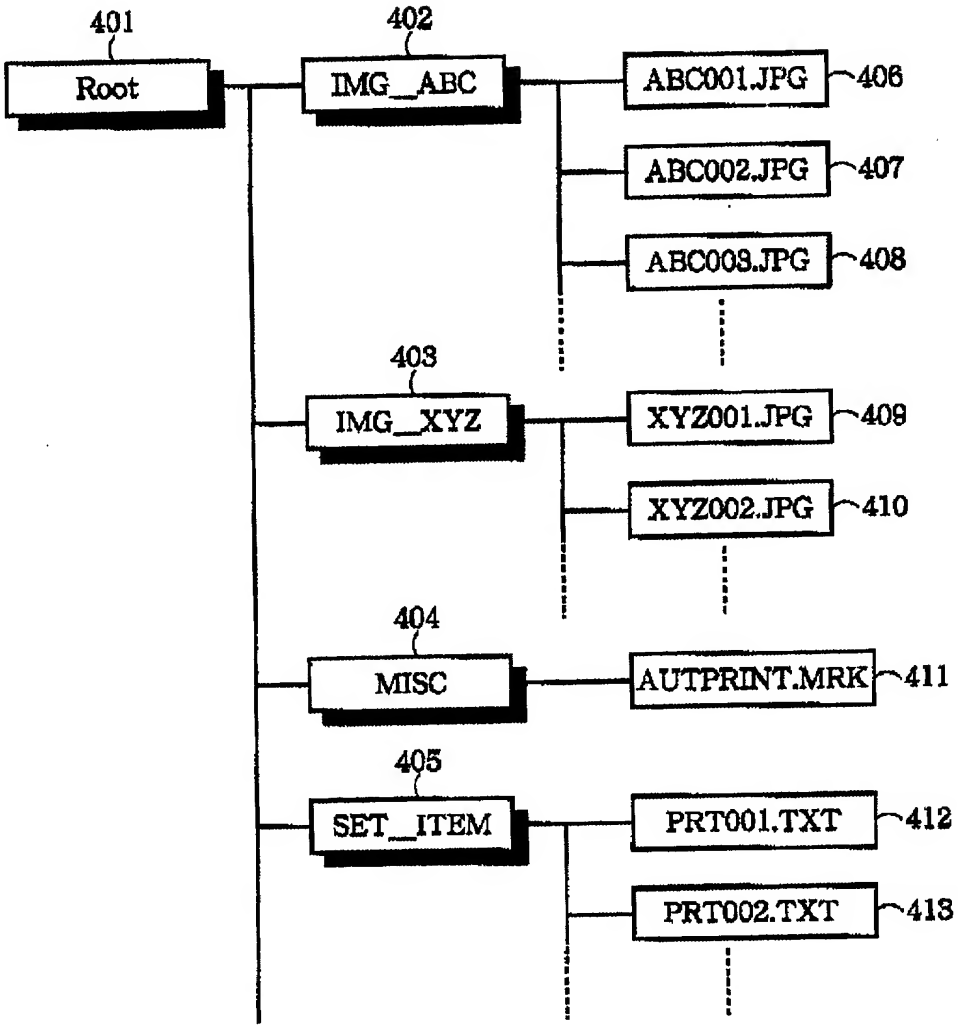

401
Root
402
IMG_ABC
ABC001.JPG
406
ABC002.JPG
407
ABC003.JPG
408
403
IMG_XYZ
XYZ001.JPG
409
XYZ002.JPG
410
404
MISC
AUTPRINT.MRK
411
405
SET_ITEM
PRT001.TXT
412
PRT002.TXT
413

Fig. 5

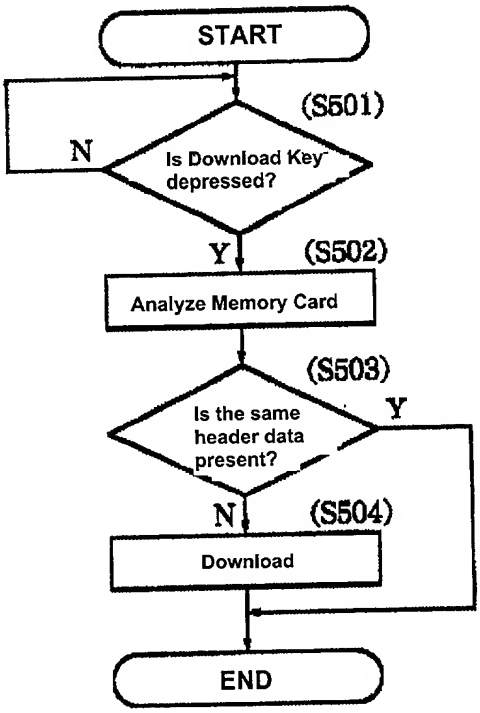



Fig. 6

601
[HEADER]
PRT□MKR ="CANON"
PRT□NAME="PRT001"

602
[DATA]
IDX = [0, 1]
TRM = [0, 1]
ROT = [90, 180, 270]
SHP = [0, 1]
STP = [000, 001, 002]
TSD = [0, 1]
ZOM = [25..400]

Fig. 7

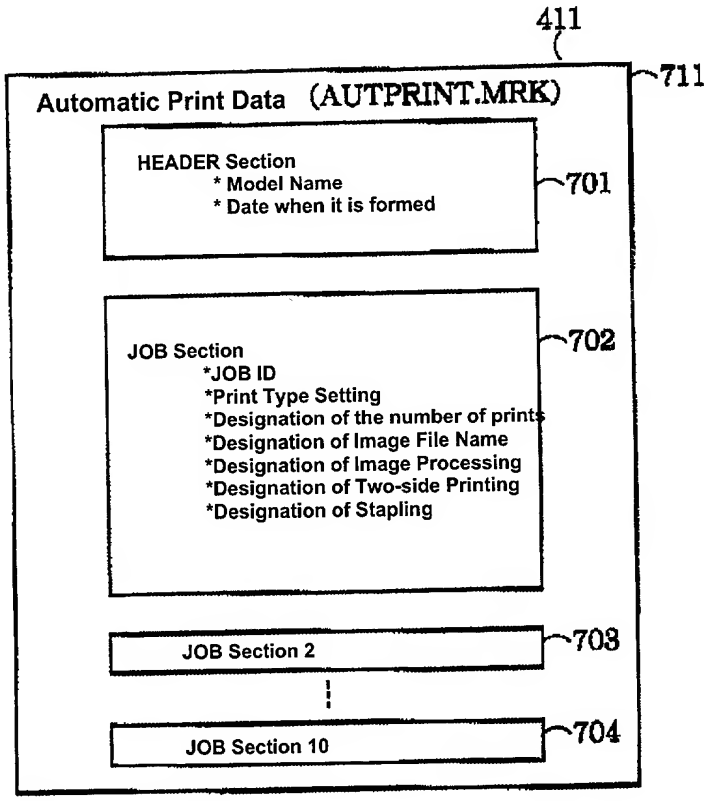

411
Automatic Print Data (AUTPRINT.MRK)
711
HEADER Section
* Model Name
* Date when it is formed
701
JOB Section
*JOB ID
*Print Type Setting
*Designation of the number of prints
*Designation of Image File Name
*Designation of Image Processing
*Designation of Two-side Printing
*Designation of Stapling
702
JOB Section 2
703
JOB Section 10
704

Fig. 8

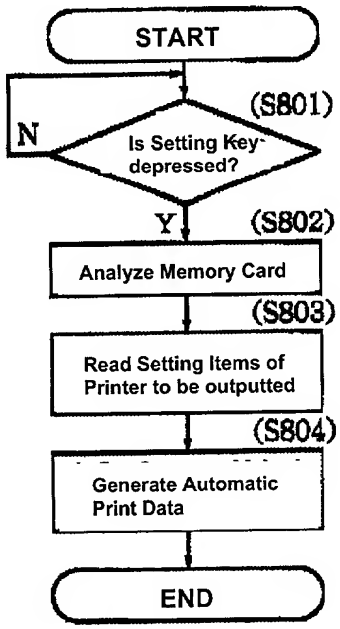

START
(S801)
N
Is Setting Key depressed?
Y
(S802)
Analyze Memory Card
(S803)
Read Setting Items of Printer to be outputted
(S804)
Generate Automatic Print Data
END

Fig. 9

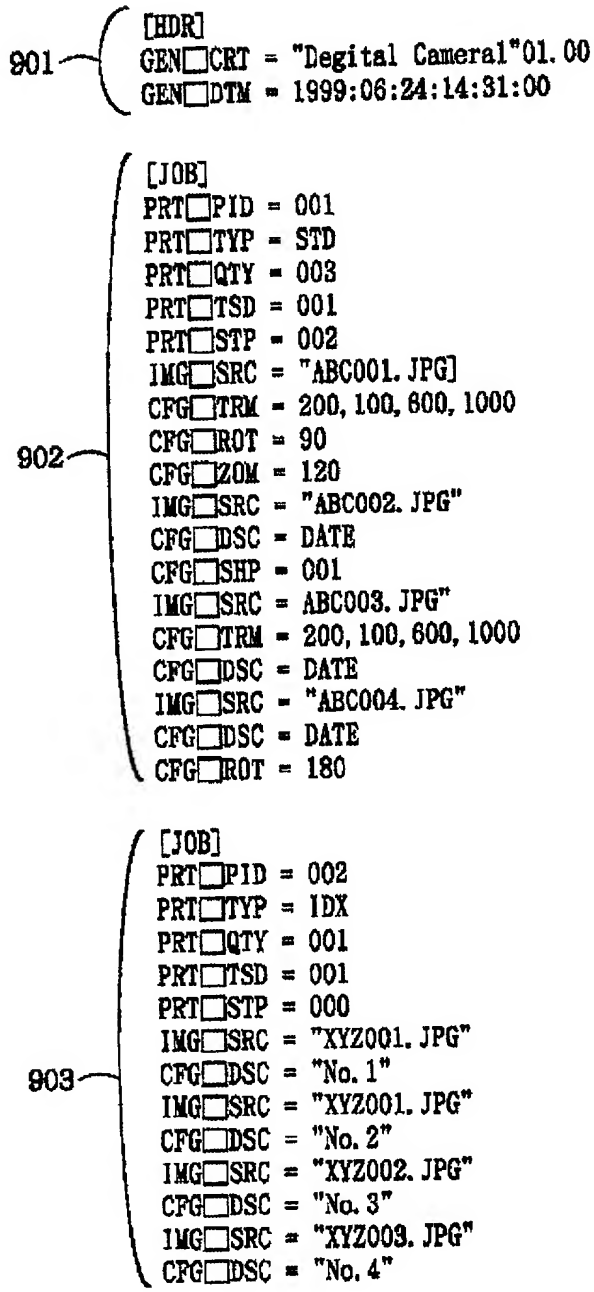

901
[HDR]
GEN□CRT = "Degital Camera1"01.00
GEN□DTM = 1999:06:24:14:31:00
902
[JOB]
PRT□PID = 001
PRT□TYP = STD
PRT□QTY = 003
PRT□TSD = 001
PRT□STP = 002
IMG□SRC = "ABC001.JPG]
CFG□TRM = 200,100,600,1000
CFG□ROT = 90
CFG□ZOM = 120
IMG□SRC = "ABC002.JPG"
CFG□DSC = DATE
CFG□SHP = 001
IMG□SRC = ABC003.JPG"
CFG□TRM = 200,100,600,1000
CFG□DSC = DATE
IMG□SRC = "ABC004.JPG"
CFG□DSC = DATE
CFG□ROT = 180
903
[JOB]
PRT□PID = 002
PRT□TYP = IDX
PRT□QTY = 001
PRT□TSD = 001
PRT□STP = 000
IMG□SRC = "XYZ001.JPG"
CFG□DSC = "No.1"
IMG□SRC = "XYZ001.JPG"
CFG□DSC = "No.2"
IMG□SRC = "XYZ002.JPG"
CFG□DSC = "No.3"
IMG□SRC = "XYZ003.JPG"
CFG□DSC = "No.4"

Fig. 10

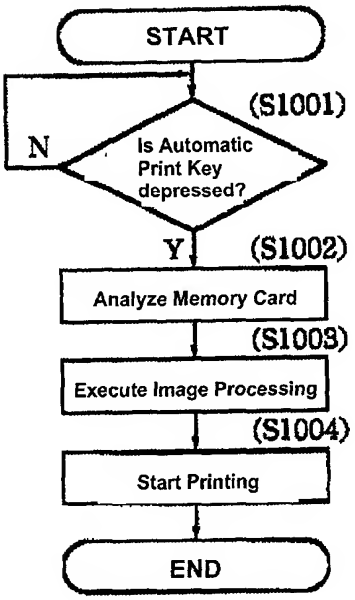

START
(S1001)
N
Is Automatic Print Key depressed?
Y
(S1002)
Analyze Memory Card
(S1003)
Execute Image Processing
(S1004)
Start Printing
END

Fig. 11

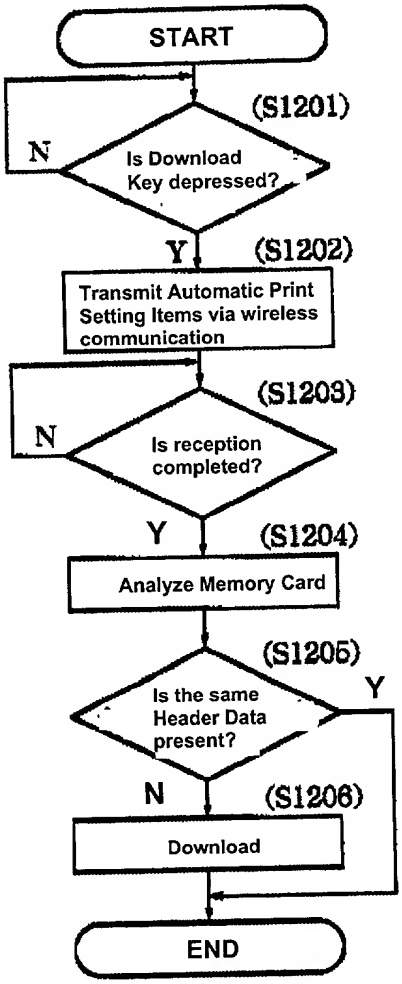
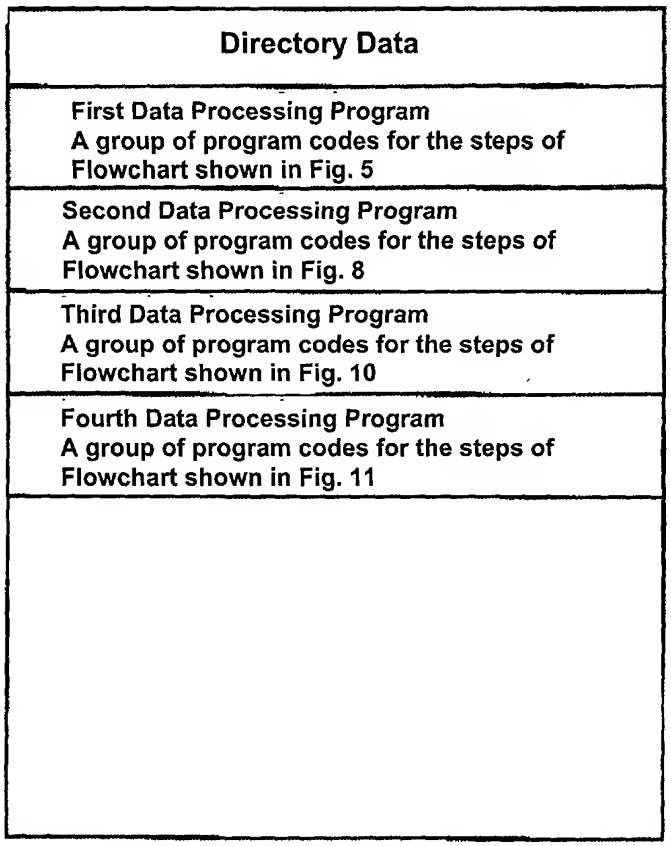

START
(S1201)
N
Is Download Key depressed?
Y
(S1202)
Transmit Automatic Print Setting Items via wireless communication
(S1203)
N
Is reception completed?
Y
(S1204)
Analyze Memory Card
(S1205)
Is the same Header Data present?
Y
N
(S1206)
Download
END

Fig. 12




Memory Map of Storage Medium